



321731

Outboard Marine Corporation (OMC) Site Waukegan, IL

Remedial Progress Update
March 2008



OMC Site - Operable Units

- 1: Waukegan Harbor
- 2: Waukegan Manufactured Gas and Coke Plant (“Waukegan Coke Plant” or “WCP”)
- 3: PCB Containment Cells
- 4: OMC Plant 2 (“OMC North Plant”)

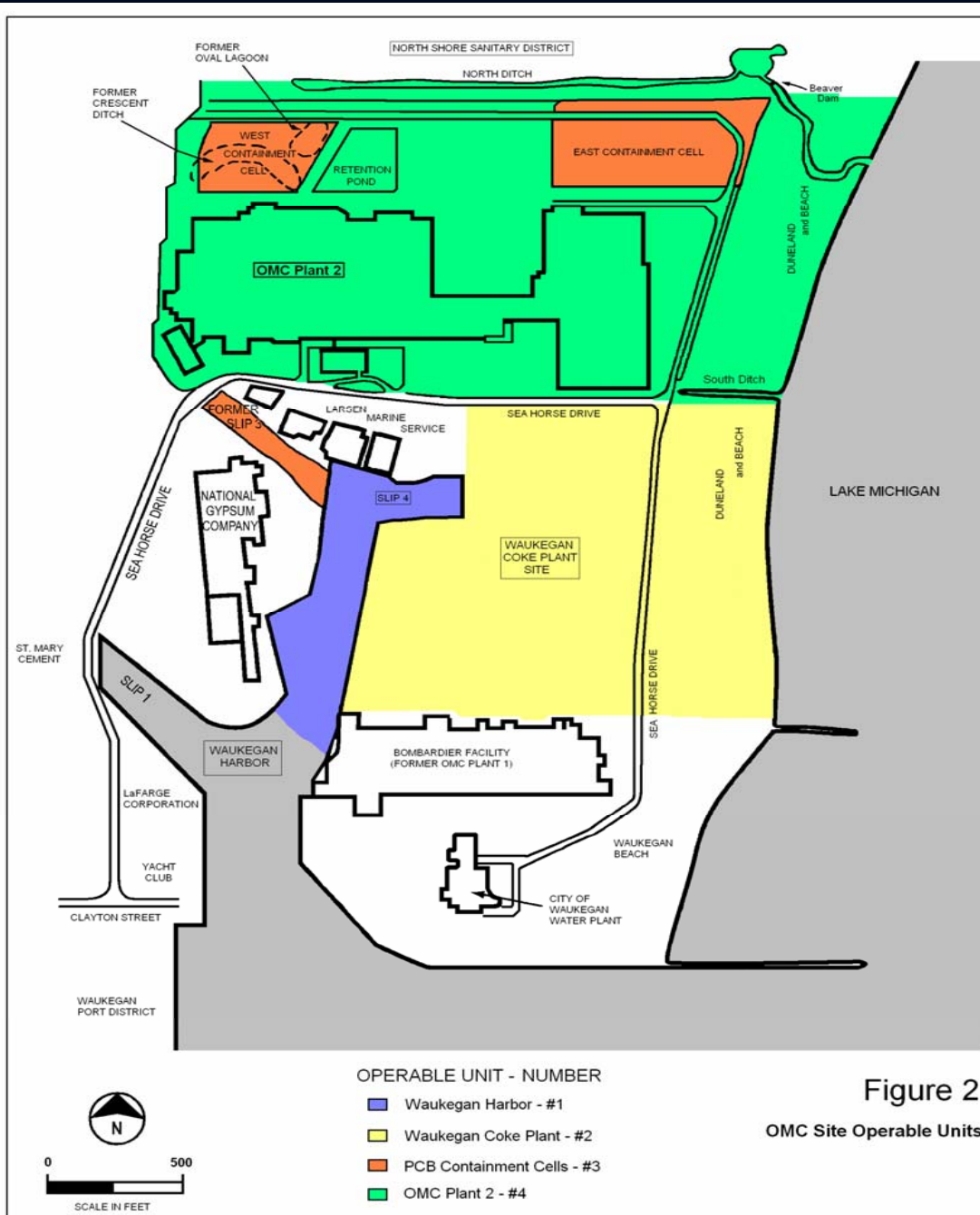


Figure 2
OMC Site Operable Units

Waukegan Harbor

Background

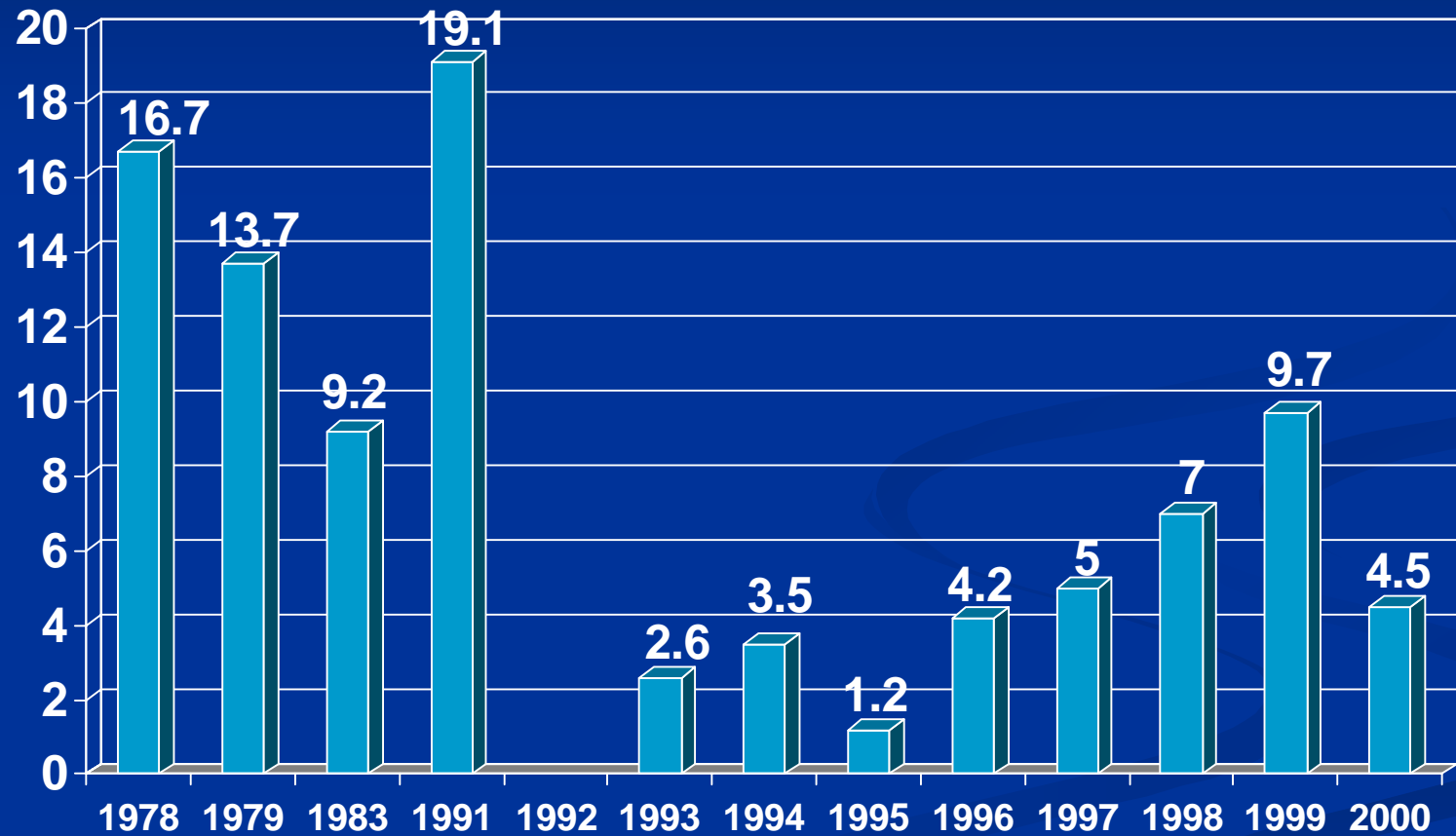
- OMC completed \$21 million cleanup in 1990-1992.
- Only Northern Harbor area was dredged.
- 50 ppm PCB cleanup level (1984 ROD)

Waukegan Harbor

Background

- Fish PCB levels fell immediately after OMC cleanup.
- Fish PCB levels presently exceed recommended levels.
- 2002 EPA 5-Year Review: Re-evaluate 50 ppm PCB sediment cleanup level – it may not be protective.

Waukegan Harbor Fish PCB Levels



Waukegan Harbor

Background

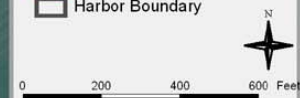
- 2007 Five-Year Review: 0.22 ppm PCB sediment cleanup level would be protective.
- Harbor sediment now averages 2-3 ppm PCBs.

Waukegan Harbor

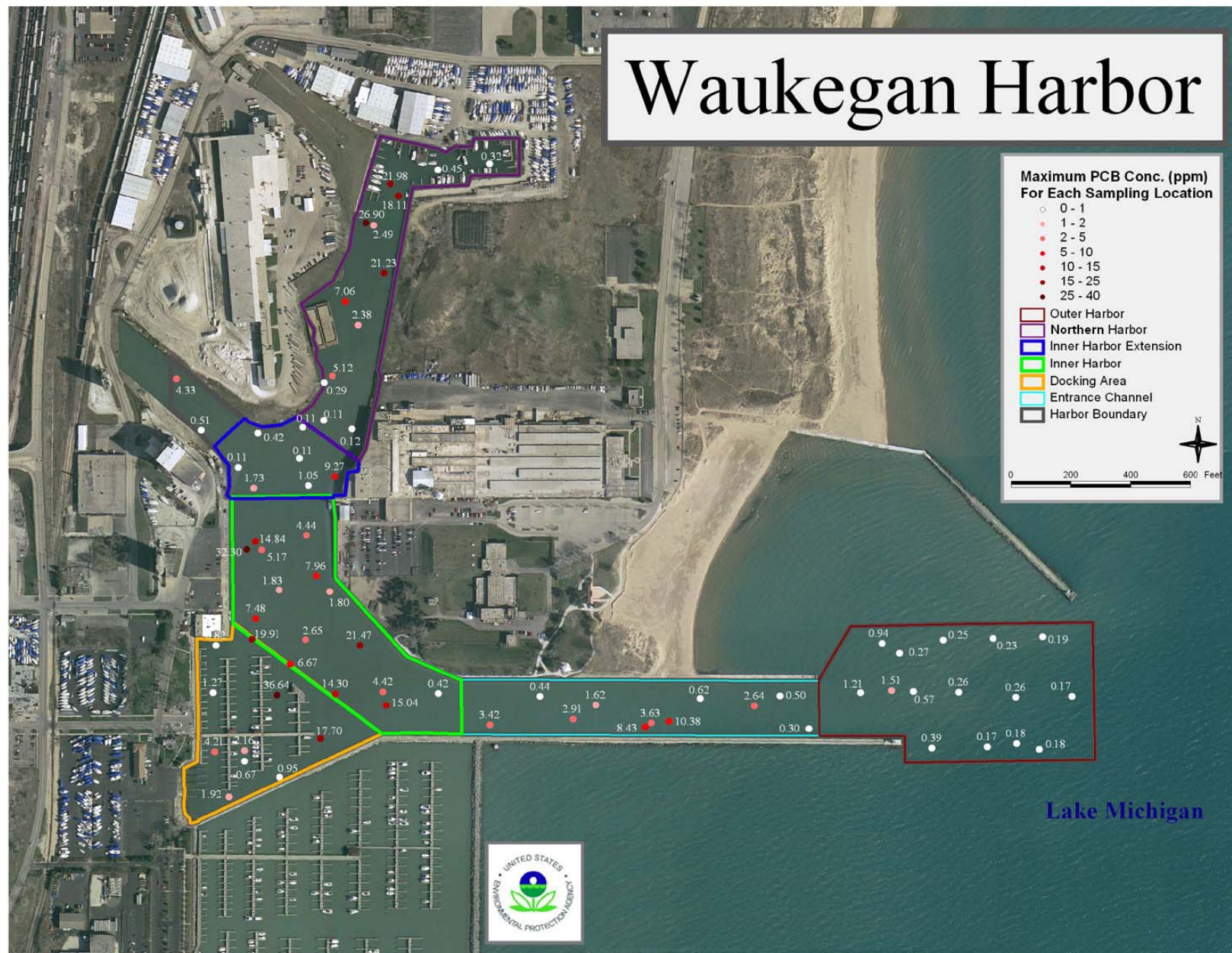
Maximum PCB Conc. (ppm)
For Each Sampling Location

- 0 - 1
- 1 - 2
- 2 - 5
- 5 - 10
- 10 - 15
- 15 - 25
- 25 - 40

- Outer Harbor
- Northern Harbor
- Inner Harbor Extension
- Inner Harbor
- Docking Area
- Entrance Channel
- Harbor Boundary



Lake Michigan



Waukegan Harbor

- Proposed \$35 million Great Lakes Legacy Act (“GLLA”) project fell through in September 2007.
- Superfund began a Remedial Investigation and Feasibility Study (“RI/FS”) in mid-November 2007 using GLNPO data.
- RI and Alternatives Evaluation Reports are now in EPA-review status.

Waukegan Harbor Alternatives

- The FS Report is due by the end of March.
- No Action
- Complete capping
- Combination capping and dredging
- Complete dredging (with some cover)

Waukegan Harbor Target Dates

- NRRB evaluation scheduled - Mid-June 2008
(Materials due May 15)
- Release Proposed Plan and begin Public Comment Period – Summer/Fall 2008
- Sign Record of Decision – Fall/Winter 2008

Waukegan Harbor Target Dates

- Complete Remedial Design - Fall 2009
- Prioritization Panel – Rank site for cleanup funding in winter 2009
- Remedial Action start – depends on ranking; the earliest would be spring 2010

Waukegan Harbor

- EPA's Contaminated Sediment Technical Advisory Group ("CSTAG") will provide a concurrent technical review with NRRB.
- State Concurrence – On-going consultation with Illinois EPA; meeting with State planned early-April 2008 to discuss proposed alternatives.

Fund Lead Sites

- Site must be ranked on a national basis for funding by EPA's RA Prioritization Panel; ranking is based on risk.
- Must have State concurrence with the selected remedy and a signed State Superfund Contract ("SSC") wherein the State agrees to pay required 10 percent of the cost of the clean up.

Waukegan Harbor

- Continue partnerships cultivated during Great Lakes Legacy Act project discussions.
- Work closely with Waukegan as all OMC site cleanups are planned and implemented.
- Could there be other contributors to harbor cleanup cost? (Betterment; state match)